

## ABSTRACT:

In a data carrier (2) for the communication of communication data (KD1, KD2) with a base station, having processing means (4) for the processing of communicated communication data (KD1, KD2), and having voltage supply means (5) which are arranged to receive an external supply voltage ( $U_{EXT}$ ) applied to the data carrier during a charging time interval ( $T_L$ ) until a turn-on instant ( $t_{e1}, t_{e2}, t_{e3}$ ) and which are adapted to supply an internal supply voltage ( $U_{INT}$ ) to the processing means (4), decoupled from the external supply voltage ( $U_{EXT}$ ), during a consumption time interval ( $T_{V1}, T_{V2}, T_{V3}$ ) starting at the turn-on instant ( $t_{e1}, t_{e2}, t_{e3}$ ), the processing means (4) being adapted to interrupt the processing from an interruption instant ( $t_{u1}, t_{u2}, t_{u3}$ ), when the internal supply voltage ( $U_{INT}$ ) decreases below a threshold voltage ( $US$ ), till the turn-on instant ( $t_{e1}, t_{e2}, t_{e3}$ ), time measurement means (12) are now provided, which time measurement means are adapted to measure a processing time interval ( $T_{P1}, T_{P2}, T_{P3}$ ) defined as the time interval from the turn-on instant ( $t_{e1}, t_{e2}, t_{e3}$ ) till the interruption instant ( $t_{u1}, t_{u2}, t_{u3}$ ), and the voltage supply means (5) are configured to adapt the consumption time interval ( $T_{V1}, T_{V2}, T_{V3}$ ) to the measured processing time interval ( $T_{P1}, T_{P2}, T_{P3}$ ).

Fig. 1